

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An engine fuel pump mounting structure for an engine having a camshaft which is supported on an upper surface of a cylinder head by cooperation of the cylinder head with a camshaft holder which is fixed to the upper surface of the cylinder head, and a fuel pump which is driven by said camshaft, said mounting structure comprising:

a plurality of longitudinally spaced bearings operative to support said camshaft,
said bearings being connected together via integrally formed connecting parts ~~operative to connect said bearings together~~ to form said camshaft holder, and
fastening means for attaching said fuel pump to an end of said camshaft holder,
wherein each of said connecting parts is provided at a position on that side of a plane including an axis of the camshaft and extending perpendicularly to an axis of a cylinder which side is away from a combustion chamber, said connecting part being entirely outside the axis of the camshaft as viewed in the direction of the cylinder axis.

Claim 2 (currently amended): ~~The engine fuel pump mounting structure according to Claim 1~~
† An engine fuel pump mounting structure for an engine having a camshaft which is supported on an upper surface of a cylinder head by cooperation of the cylinder head with a camshaft holder which

is fixed to the upper surface of the cylinder head, and a fuel pump which is driven by said camshaft,
said mounting structure comprising:

a plurality of bearings operative to support said camshaft,

connecting parts operative to connect said bearings together to form said camshaft holder, and

fastening means for attaching said fuel pump to an end of said camshaft holder,

wherein a fuel pump mounting boss is formed on the cylinder head and an outer wall of an EGR gas passage is formed in the cylinder head, said fuel pump mounting boss and said outer wall of said EGR gas passage being connected to each other via a reinforcing rib.

Claim 3 (Previously presented): The engine fuel pump mounting structure according to Claim 2 wherein a further fuel pump mounting boss is formed on the camshaft holder, and a further reinforcing rib is provided on a reverse surface of said further fuel pump mounting boss extending in a mounting direction of said fuel pump.

Claim 4 (Previously presented): ~~The engine fuel pump mounting structure according to Claim 1~~ An engine fuel pump mounting structure for an engine having a camshaft which is supported on an upper surface of a cylinder head by cooperation of the cylinder head with a camshaft holder which is fixed to the upper surface of the cylinder head, and a fuel pump which is driven by said camshaft, said mounting structure comprising:

a plurality of bearings operative to support said camshaft,

connecting parts operative to connect said bearings together to form said camshaft holder, and
fastening means for attaching said fuel pump to an end of said camshaft holder,

wherein a fuel pump mounting boss is formed on the camshaft holder, and a reinforcing rib is provided to extend from a reverse surface of said fuel pump mounting boss extending in a mounting direction of said fuel pump.

Claim 5 (original): An engine fuel pump mounting structure in which a rocker shaft holder that supports a rocker shaft and a camshaft holder that supports a camshaft alone or in association with the rocker shaft holder are superimposed on an upper surface of a cylinder head, and a fuel pump is mounted on a shaft end of the camshaft, said engine fuel pump mounting structure comprising:

a plurality of bearings that support the camshaft being integrally connected together via connecting parts to form the camshaft holder, and the fuel pump being fastened to each of the cylinder head, the rocker shaft holder and the camshaft holder by bolts.

Claim 6 (original): The engine fuel pump mounting structure according to Claim 5 wherein a fuel pump mounting boss is formed on the cylinder head and an outer wall of an EGR gas passage is formed in the cylinder head, and a reinforcing rib connects said fuel pump mounting boss and said outer wall of said EGR gas passage to each other.

Claim 7 (Previously presented): The engine fuel pump mounting structure according to claim 6 wherein a further fuel pump mounting boss is formed on the camshaft holder, and a further reinforcing rib is provided to extend from a reverse surface of said further fuel pump mounting boss extending in a mounting direction of said fuel pump.

Claim 8 (Previously presented): The engine fuel pump mounting structure according to Claim 5 wherein a fuel pump mounting boss is formed on the camshaft holder, and a reinforcing rib is provided to extend from a reverse surface of said fuel pump mounting boss extending in a mounting direction toward a fuel pump.

Claim 9 (canceled)

Claim 10 (Previously presented) An engine fuel pump mounting structure, comprising:
a cylinder head,
a camshaft holder fixed to an upper surface of said cylinder head,
a camshaft supported by said camshaft holder, and
a fuel pump mounted on an end of said camshaft,
said engine fuel pump mounting structure further including:
a bearing provided on the camshaft holder, a fuel pump mounting boss provided on the camshaft holder, and a reinforcing rib connecting said bearing and said fuel pump mounting boss

to each other, wherein a further fuel pump mounting boss is formed on the cylinder head, an outer wall of the cylinder head containing an EGR gas passage formed therein, and said further reinforcing rib connects said fuel pump mounting boss and said outer wall of said EGR gas passage to each other.

Claim 11 (Previously presented): The engine fuel pump mounting structure according to Claim 10 wherein the reinforcing rib which connects the bearing to the fuel pump mounting boss formed on the camshaft holder extends from a reverse side of the fuel pump mounting boss in the mounting direction of the fuel pump.

Claim 12 (canceled)

Claim 13 (Previously presented): An engine fuel pump mounting structure for an engine having a lower shaft holder provided on an upper surface of a cylinder head, an upper shaft holder superimposed on said lower shaft holder, a camshaft supported on the upper surface of the cylinder head by cooperation of the upper and lower shaft holders, and a fuel pump which is driven by said camshaft, said mounting structure comprising:

a plurality of bearings operative to support said camshaft,

connecting parts operative to connect said bearings together to form said upper shaft holder,

and

fastening means for attaching said fuel pump to each of said cylinder head, said upper shaft holder and said lower shaft holder.

Claim 14 (Previously presented): An engine fuel pump mounting structure for an engine having a camshaft supported on an upper surface of a cylinder head, and a fuel pump which is driven by said camshaft, said mounting structure comprising:

a plurality of bearings operative to support said camshaft,
connecting parts operative to connect said bearings together to form a camshaft holder, and
fastening means for attaching said fuel pump to an end of said camshaft holder,
wherein formed on the cylinder head is a fuel pump mounting boss and an outer wall of an EGR gas passage, said fuel pump mounting boss and said outer wall of said EGR gas passage being connected to each other via a reinforcing rib.

Claim 15 (Previously presented): An engine fuel pump mounting structure for an engine having a camshaft supported on an upper surface of a cylinder head, and a fuel pump which is driven by said camshaft, said mounting structure comprising:

a plurality of bearings operative to support said camshaft,
connecting parts operative to connect said bearings together to form a camshaft holder, and
fastening means for attaching said fuel pump to an end of said camshaft holder,
wherein a fuel pump mounting boss is formed on the camshaft holder, a reinforcing rib is

provided to extend from a reverse surface of said fuel pump mounting boss in a direction of a cylinder array of the engine toward an inner side of the engine and is located at a position upwardly of an axis of said camshaft as viewed in an axial direction of a cylinder.

Claim 16 (Previously presented): The engine fuel pump mounting structure according to Claim 14 wherein said fuel pump mounting boss is formed on the camshaft holder, a further reinforcing rib is provided to extend from a reverse surface of said fuel pump mounting boss in a direction of a cylinder array of the engine toward an inner side of the engine and is located at a position upwardly of an axis of said camshaft as viewed in an axial direction of a cylinder.

Claim 17 (Previously presented): An engine fuel pump mounting structure, comprising:

- a cylinder head,
- a camshaft holder fixed to an upper surface of said cylinder head,
- a camshaft supported by said camshaft holder, and
- a fuel pump mounted on an end of said camshaft,

said engine fuel pump mounting structure further including:

- a bearing provided on the camshaft holder, a fuel pump mounting boss provided on the camshaft holder, and a reinforcing rib connecting said bearing and said fuel pump mounting boss to each other,

wherein the reinforcing rib extends from a reverse side of the fuel pump mounting boss in the mounting direction of the fuel pump along a cylinder array of the engine toward an inner side of the engine and is located at a position upwardly of an axis of said camshaft as viewed in an axial direction of a cylinder.

Claim 18 (Previously presented): An engine fuel pump mounting structure in which a rocker shaft holder that supports a rocker shaft and a camshaft holder that supports a camshaft are superimposed on an upper surface of a cylinder head, and a fuel pump is mounted on a shaft end of the camshaft, said engine fuel pump mounting structure comprising:

a plurality of bearings that support the camshaft being integrally connected together via connecting parts to form the camshaft holder, and the fuel pump being fastened to each of the cylinder head, the rocker shaft holder and the camshaft holder by bolts.

Claim 19 (New): The engine fuel pump mounting structure according to claim 1, wherein said engine has a plurality of camshafts as said camshaft which are supported by said camshaft holder, said connecting parts being positioned between said plurality of camshafts as viewed in the direction of the cylinder axis.

Claim 20 (New): The engine fuel pump mounting structure according to claim 1, wherein an injector insertion opening, through which an injector pipe runs, is formed in a central part of the connecting part.

Claim 21 (New): The engine fuel pump mounting structure according to claim 19, wherein an injector insertion opening, through which an injector pipe runs, is formed in a central part of the connecting part.

Claim 22 (New): The engine fuel pump mounting structure according to claim 20, wherein an outer periphery of the injector pipe and an inner periphery of the injector insertion opening are sealed with a sealing member.

Claim 23 (New): The engine fuel pump mounting structure according to claim 21, wherein an outer periphery of the injector pipe and an inner periphery of the injector insertion opening are sealed with a sealing member.

Claim 24 (New): The engine fuel pump mounting structure according to claim 1, wherein a fuel piping for supplying fuel to an injector is fixed to the camshaft holder.

Claim 25 (New): The engine fuel pump mounting structure according to claim 19, wherein a fuel piping for supplying fuel to an injector is fixed to the camshaft holder.

Claim 26 (New): An engine fuel pump mounting structure for an engine having a camshaft which is supported on an upper surface of a cylinder head by cooperation of the cylinder head with a camshaft holder which is fixed to the upper surface of the cylinder head, and a fuel pump which is driven by said camshaft, said mounting structure comprising:

a plurality of longitudinally spaced bearings operative to support said camshaft,
said bearings being connected together via integrally formed connecting parts to form said camshaft holder, and

fastening means for attaching said fuel pump to an end of said camshaft holder,
wherein each of said connecting parts is provided at a position on that side of a plane including an axis of the camshaft and extending perpendicularly to an axis of a cylinder which side is away from a combustion chamber and, when viewed in a direction perpendicular to the axis of the camshaft as well as perpendicular to the axis of the cylinder, at a position where a cam provided on the camshaft is at least partly overlapped with the connection part, said connecting part being entirely at a position outside the axis of the camshaft as viewed in the direction of the cylinder axis.